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SLASK POLYTECHNICUM AIDS CHEMICAL INDUSTRY

DEVELOPS NEW PRODUCTION METHODS -- Po prostu, No 3, 27 Jan 50

The second national industry of Poland is the chemical industry. The Central Administration of the Chemical Industry, located in Gliwice, receives much help from the Slask Polytechnicum.

The Department of Inorganic Chemistry and the Department of Electrolysis of the Slask Polytechnicum are headed by Professor Dr Jakob and cooperate very closely with the Institute of Industrial Chemistry. Faster methods of coal analysis, of vital importance to Slask, are being worked out. The Electrolysis Department, in cooperation with the Bureau for Sales of Reagents, is now producing chemicals for the metallurgical industry.

The Department of Organic Chemistry and Department of Chemical Technology are headed by Prof Dr Wacław Lesnianski. The production of fats, cellulose, plastic, and pigments, technology of textile fibers and tanning, and methods of organic synthesis of rubber and gasoline all depend on organic chemistry. These departments cooperate with the Institute of Metallurgy and Founding, the Institute of Industrial Chemistry, and many other chemical enterprises in Slask.

Graduates of the Chemical Faculty continue postgraduate work in the Department of Organic Chemistry. Goszczyński is now working on a method to make grease stick to metal surfaces since very often water rinses off the grease. Peksa is working on a method to overcome metal corrosion.

Professor Dr Smiałowski, head of the Physical Chemistry Department, conducts important experimental work for the Staszica Metallurgical Institute in Gliwice. This department is studying flotation as a method of enriching domestic low-grade ores with scrap metal.

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One of the tasks of the Department of Petroleum and Liquid Fuels Technology is to cooperate with industry in economizing on lubricants and fuels. The Faculty of Petroleum and Liquid Fuels Technology is actually a small refinery where experiments are carried out on petroleum and other fuels. Last year, 24 surveys were made for 14 industrial enterprises.

The production of synthetic fuel is of great importance to Poland because the country is petroleum-poor.

RUBBER INDUSTRY WORKERS PROMOTED -- Zwiaskowiec, No 3, 15 Jan 50

In 1949, outstanding workers in the rubber industry were promoted to higher positions. The following were appointed general managers of various rubber factories: Piotr Jewpak, factory No 1; Aleksander Wlosowicz, factory No 3; Piotr Szarek, factory No 4; and Stanislaw Kiczek, factory No 10. Piotr Bromblik was appointed technical director of factory No 5. Wladyslaw Kowalski was named general director of the PePeGe Rubber Enterprise, the largest rubber factory in Poland.

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